



Equipment List

GUN DRILLING AND EJECTOR DRILLING

2	Tarus CNC Column Type Drills	60" X 144" Table
1	Unisig 1000 NC Knee Type Drill	1.00" ID x 80" Long
1	Unisig 1500 NC Knee Type Drill	1.50" ID x 100" Long
1	Miroku MEG-1000 NC Drill	1.00" ID x 60" Long
1	Mollart 2-Spindle Robotic Drills	.625" x 36" Long

DEEP-HOLE DRILLING AND TREPANNING

1	Giana GGB-360 CNC Drill	5" ID x 15.50" OD x 132" Long
2	Giana GGB-560 NC / CNC Drills	12" ID x 19.75" OD x 264" Long
1	Giana GGB-1200 CNC Drill	24" ID x 60.00" OD x 384" Long

CNC AND MANUAL TURNING

1	Hankook Proturn 100 CNC Lathe	26" OD x 240" Long
1	Dainichi M85 CNC Lathe	18" OD x 200" Long
1	Hwacheon Mega 95 CNC Lathe	20" OD x 120" Long
1	Hankook Protec 9NB CNC Lathe	24" OD x 118" Long
1	Wahlenberg Manual Engine Lathes	48" OD x 384" Long
4	American Manual Engine Lathes	12" OD x 60" Long
1	Toshiba TUE-15 CNC VTL	60" OD x 48" High
1	Monarch Double RAM CNC VTL	60" OD x 48" High
4	Mazak QTN-350 (with steady rest)	15" x 60"
2	Mazak QTN-200 / QTN-250	8" x 24"
2	Mazak QTN-30	12" x 40"
3	Mazak QT-28 / QT-28N	12" x 40"
2	Mazak DT-20	8" x 12"
11	Mazak QT-20 / QT-15 / QT-10	8" x 24"
7	Okuma 4 Axis CNC Lathes	12" x 20"
3	Fuji ANW 30 CNC Lathes	

CNC MILLING

11	Makino A88E, A77E, A77 HMC	35" x 31" x 38"
1	Mazak VTC200C Vertical	78" x 20" x 25"
2	Mazak HTC-400 Horizontal	22" x 20" x 20"
1	Cincinnati Lancer 1500 Vertical	50" x 25" x 30"
1	Cincinnati Sabre 1500 Vertical	60" x 30" x 30"
10	Haas VF-Series Vertical	48" x 20" x 25"
1	Hass EC-400 Horizontal	20" x 20" x 20"
1	Hass EC-1600 Horizontal	64" x 40" x 32"
1	Haas EC-3000 Horizontal	120" x 40" x 32"
2	Haas HS-Series Horizontal	
3	Brother TC-32A	14" x 26"
1	Mori Seiki GV-503	24" x 20" x 18"

Wire EDM

1	Makino EC3040 Wire EDM	11.75" x 15.75" x 4.75"
1	Mitsubishi DWC-90SB Wire EDM	11.75" x 9.85" x 6.75"
1	Sodick AQ535 Wire EDM	21.65" x 13.78" x 11.81"
1	Maxicut S026ZNC Hole Popper	
1	Cyclone Glass-Bead Part Blaster	

PRECISION ID SIZING & FINISHING

1	Sunnen GH-210 Horizontal Hone	6.125" x 156" Stroke
1	Sunnen STH-2000 Horizontal Hone	20" x 78" Stroke
1	Sunnen 3501E Horizontal Hone	20" x 120" Stroke

CNC GRINDING

4	Shigiyu GPS-30 CNC OD Grinders	12" x 24"
1	Mitsubishi CNC OD Grinder	9" x 20"
2	CNC Double Disk Grinders	

SAW CUTTING

1	Hyd-Mech H-14A Saw	Up To 14" Diameter
1	Hyd-Mech H-16 Saw	Up To 16" Diameter
1	Hyd-Mech H-18A Saw	Up To 18" Diameter

TOOLING

2	Victor Manual Engine Lathes	14" OD x 80" Long
1	Prototrak TRL1840SX CNC Lathe	16" OD x 40" Long
2	Prototrak Trak DPMS3 CNC Mills	18" x 33" X 20"
2	Acer EVS-3VKH Manual Mill	16" x 32" x 25"
1	Chevalier FM03FKH Manual Mill	
1	Acer Supra 618 Grinder	7" x 36"
1	Electro-Arc 2DVQT Tap Burner	.09" x .25"

QUALITY ASSURANCE

1	Brown & Sharpe Global CMM	111" x 43" Table
1	Brown & Sharpe Global CMM	92" x 43" Table
1	Brown & Sharpe Mistral CMM	50" x 36" Table
1	Brown & Sharpe Micro Excell CMM	37" x 33" Table
1	L&K G-90C CMM	55" x 42" Table
2	Micro-VU Optical Comparators	
1	Brown & Sharpe 80LS Profile Vision System	
1	Mitutoyo Comtrace Profiler	
1	Versitron Rockwell Hardness Tester	